

For Research Use Only

KIAA1024 Polyclonal antibody

Catalog Number:32467-1-AP



Basic Information

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|---|---|--|
| Catalog Number: 32467-1-AP | GenBank Accession Number: NM_015206.2 | Purification Method: Antigen affinity Purification |
| Size: 150ul , Concentration: 620 ug/ml by Nanodrop; | GeneID (NCBI): 23251 | Recommended Dilutions: WB: 1:500-1:1000 |
| Source: Rabbit | UNIPROT ID: Q9UPX6 | |
| Isotype: IgG | Full Name: KIAA1024 | |
| Immunogen Catalog Number: AG38274 | Calculated MW: 103kDa 916aa | |
| | Observed MW: 102 kDa | |

Applications

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|---|---|
| Tested Applications: WB, ELISA | Positive Controls: WB : rat brain tissue, |
| Species Specificity: human, rat | |

Background Information

KIAA1024 negatively regulates the activities of mTORC1 and mTORC2 by stabilizing the MTOR complex inhibitor DEPTOR, thus inhibiting cell overgrowth. In cultured hippocampal neurons and PC12 cells, knocking down KIAA1024 can activate mTOR signal and promote neurite outgrowth. However, in zebrafish and mouse transplanted tumor models, deletion of this gene will significantly enhance the tumor formation induced by HRAS(G12V), suggesting that it has antitumor effect.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

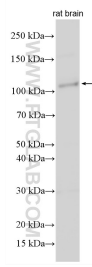
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32467-1-AP (KIAA1024 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.